

SEQUENCE LISTING

<110> Mignot, Emmanuel

<120> Hypocretin Receptor in
Regulation of Sleep and Treatment of Sleep Disorders

<130> STAN-147

<150> 60/146,623

<151> 1999-07-30

<150> 60/171,857

<151> 1999-12-22

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 35 40 45
 His Pro Lys Glu Tyr Glu Trp Val Leu Ile Ala Gly Tyr Ile Ile Val
 50 55 60
 Phe Val Val Ala Leu Val Gly Asn Val Leu Val Cys Val Ala Val Trp
 65 70 75 80
 Lys Asn His His Met Arg Thr Val Thr Asn Tyr Phe Ile Val Asn Leu
 85 90 95
 Ser Leu Ala Asp Val Leu Val Thr Ile Thr Cys Leu Pro Ala Thr Leu
 100 105 110
 Val Val Asp Ile Thr Glu Thr Trp Phe Phe Gly Gln Ser Leu Cys Lys
 115 120 125

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Leu	Ser	Cys	Ile	Ala	Leu	Asp	Arg	Trp	Tyr	Ala	Ile	Cys	His	Pro	Leu
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Met	Phe	Lys	Ser	Thr	Ala	Lys	Arg	Ala	Arg	Asn	Ser	Ile	Val	Ile	Ile
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Trp	Ile	Val	Ser	Cys	Ile	Ile	Met	Ile	Pro	Gln	Ala	Ile	Val	Met	Glu
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Cys	Ser	Thr	Met	Leu	Pro	Gly	Leu	Ala	Asn	Lys	Thr	Thr	Leu	Phe	Thr
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Glu	Asp	Arg	Glu	Thr	Val	Tyr	Ala	Trp	Phe	Thr	Phe	Ser	His	Trp	Leu
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-5-

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 20 25 30
 Asp Tyr Asp Asp Glu Glu Phe Leu Arg Tyr Leu Trp Arg Glu Tyr Leu
 35 40 45
 His Pro Lys Glu Tyr Glu Trp Val Leu Ile Ala Gly Tyr Ile Ile Val
 50 55 60
 Phe Val Val Ala Leu Val Gly Asn Val Leu Val Cys Val Ala Val Trp
 65 70 75 80
 Lys Asn His His Met Arg Thr Val Thr Asn Tyr Phe Ile Val Asn Leu
 85 90 95
 Ser Leu Ala Asp Val Leu Val Thr Ile Thr Cys Leu Pro Ala Thr Leu
 100 105 110
 Val Val Asp Ile Thr Glu Thr Trp Phe Phe Gly Gln Ser Leu Cys Lys
 115 120 125
 Val Ile Pro Tyr Leu Gln Thr Val Ser Val Ser Val Ser Val Leu Thr
 130 135 140
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 145 150 155 160
 Met Phe Lys Ser Thr Ala Lys Arg Ala Arg Asn Ser Ile Val Ile Ile
 165 170 175
 Trp Ile Val Ser Cys Ile Ile Met Ile Pro Gln Ala Ile Val Met Glu
 180 185 190
 Cys Ser Thr Met Leu Pro Gly Leu Ala Asn Lys Thr Thr Leu Phe Thr
 195 200 205
 Val Cys Asp Glu Arg Trp Gly Gly Glu Ile Tyr Pro Lys Met Tyr His
 210 215 220
 Ile Cys Phe Phe Leu Val Thr Tyr Met Ala Pro Leu Cys Leu Met Val
 225 230 235 240
 Leu Ala Tyr Leu Gln Ile Phe Arg Lys Leu Trp Cys Arg Gln Ile Pro
 245 250 255
 Gly Thr Ser Ser Val Val Gln Arg Lys Trp Lys Gln Leu Gln Pro Ala
 260 265 270
 Ser Gln Pro Arg Gly Pro Gly Gln Gln Thr Lys Ser Arg Ile Ser Ala
 275 280 285
 Val Ala Ala Glu Ile Lys Gln Ile Arg Ala Arg Arg Lys Thr Ala Arg
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<400> 11
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 Ser Ala Pro Glu Leu Asn Glu Thr Gln Glu Pro Phe Leu Asn Pro Thr
 20 25 30
 Asp Tyr Asp Asp Glu Glu Phe Leu Arg Tyr Leu Trp Arg Glu Tyr Leu
 35 40 45
 His Pro Lys Glu Tyr Glu Trp Val Leu Ile Ala Gly Tyr Ile Ile Val
 50 55 60
 Phe Val Val Ala Leu Val Gly Asn Val Leu Val Cys Val Ala Val Trp
 65 70 75 80
 Lys Asn His His Met Arg Thr Val Thr Asn Tyr Phe Ile Val Asn Leu
 85 90 95
 Ser Leu Ala Asp Val Leu Val Thr Ile Thr Cys Leu Pro Ala Thr Leu
 100 105 110
 Val Val Asp Ile Thr Glu Thr Trp Phe Phe Gly Gln Ser Leu Cys Lys
 115 120 125
 Val Ile Pro Tyr Leu Gln Thr Val Ser Val Ser Val Ser Val Leu Thr
 130 135 140
 Leu Ser Cys Ile Ala Leu Asp Arg Trp Tyr Ala Ile Cys His Pro Leu
 145 150 155 160
 Met Phe Lys Ser Thr Ala Lys Arg Ala Arg Asn Ser Ile Val Ile Ile
 165 170 175
 Trp Ile Val Ser Cys Ile Ile Met Ile Pro Gln Ala Ile Val Met Glu
 180 185 190
 Cys Ser Thr Met Leu Pro Gly Leu Ala Asn Lys Thr Thr Leu Phe Thr
 195 200 205
 Val Cys Asp Glu Arg Trp Gly Asp Pro Trp Asn Ile Ile Cys Ser Ser
 210 215 220
 Glu Lys Met Glu Ala Pro Ala Ala Cys Phe Thr Ala Ser Arg Ala Arg
 225 230 235 240
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 245 250 255
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 260 265 270
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tccaggtgaa atttacccca agatg 85

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<213> Homo sapiens

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accaccacag acatctcctt tcccggctac ccmaccctga gcgccagaca ccatgaacct 180
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aaa 243

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 agcagggcct gagtgagag cccagcccc gggccrcgc ctctctggct gaagtgaagc 180
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 tggctgatgt gctcgtgacc atcacctgcc ttccagccac actggctcgtg gatatcactg 180
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 caggacagcc aacgaagtc cggatgagcg ctgtggcggc tgaaataaag cagatccgag 180
 ccagaaggaa aacagcccg atgttgatgr ttgtgctttt ggtatttgcr atttgcctatc 240
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caactttgat aacatatcaa aactttctga gcaagtgtg ctcactagca taagcacact	240
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Sequence

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